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CLAIMS

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1. A modified serogroup W135 meningococcal capsular saccharide, where in: (a) \leq 29% of the sialic acid residues in the saccharide are O-acetylated at the 7 position; and/or (b) \geq 26% of the sialic acid residues in the saccharide are O-acetylated at the 9 position.

- 5 2. A modified serogroup Y meningococcal capsular saccharide, wherein (a) ≤ 9% of the sialic acid residues in the saccharide are O-acetylated at the 7 position; and/or (b) ≥ 29% or ≤ 27% of the sialic acid residues in the saccharide are O-acetylated at the 9 position.
 - 3. The modified meningococcal capsular saccharide of claim 1 or claim 2, wherein >0% of the sialic acid residues in the saccharide are O-acetylated at the 7 position.
- 4. The modified meningococcal capsular saccharide of claim 1 or claim 2, wherein >0% of the sialic acid residues in the saccharide are O-acetylated at the 9 position.
 - 5. A modified meningococcal capsular saccharide, optionally conjugated to a carrier protein, wherein the saccharide comprises n or more repeating units of the disaccharide unit:

[sialic acid] - [hexose]

- where the hexose is either galactose or glucose and n is an integer from 1 to 100, and wherein:
 - (a) $\leq x\%$ of the sialic acid residues in said n or more repeating units are O-acetylated at the 7 position; and/or
 - (b) when hexose is galactose, $\geq y\%$ of the sialic acid residues in said n or more repeating units are O-acetylated at the 9 position, and when hexose is glucose, $\geq y\%$ or $\leq z\%$ of the sialic acid residues in said n or more repeating units are O-acetylated at the 9 position,

where: when hexose is galactose, x is 29 and y is 26; and when hexose is glucose, x is 9, y is 29 and z is 27.

- 6. The saccharide of claim 5, wherein hexose is galactose, about 6% of the sialic acid residues in said n or more repeating units are O-acetylated at the 7 position, and about 43% of the sialic acid residues in said n or more repeating units are O-acetylated at the 9 position.
- 7. The saccharide of claim 5, wherein hexose is glucose, about 6% of the size acid residues in said n or more repeating units are O-acetylated at the 7 position, and about 45% of the size acid residues in said n or more repeating units are O-acetylated at the 9 position.
- 8. A composition comprising a molecules of serogroup W135 meningococcal capsular saccharide, wherein the average number of sialic acid residues per capsular saccharide molecule is b, and wherein: (a) ≤29% of the a•b serogroup W135 sialic acid residues in the composition are O-acetylated at the 7 position; and/or (b) ≥26% of the a•b serogroup W135 sialic acid residues in the composition are O-acetylated at the 9 position.

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9. A composition comprising a molecules of serogroup Y meningococcal capsular saccharide, wherein the average number of sialic acid residues per capsular saccharide molecule is b, and wherein: (a) ≤9% of the a•b serogroup Y sialic acid residues in the composition are O-acetylated at the 7 position; and/or (b) ≥29% or ≤27% of the a•b serogroup Y sialic acid residues in the composition are O-acetylated at the 9 position.

- 10. The composition of claim 8 or claim 9, wherein the capsular saccharide is conjugated to a protein carrier.
- 11. A saccharide comprising n or more repeats of the following disaccharide unit:

wherein:

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- n is an integer from 1 to 100,
- X and Y are different groups selected from -H and -OH,
- R₁ is independently selected from -H and -COCH₃ and may be the same or different in each disaccharide unit,
- R₂ is independently selected from -H and -COCH₃ and may be the same or different in each disaccharide unit, and,
 - when X is -OH and Y is -H, (a) \leq 29% of R¹ are -COCH₃ and/or (b) \geq 26% of R² are -COCH₃.
 - when X is -H and Y is -OH, (a) \leq 9% of R¹ are -COCH₃ and/or (b) \geq 29 % or \leq 27% of R² are -COCH₃.
- 12. The saccharide of any preceding claim, wherein the saccharide has an average degree of polymerisation of less than 30.
- 13. The conjugation product of (i) a saccharide of any preceding claim, and (ii) a carrier protein selected from the group consisting of: diphtheria toxoid, tetanus toxoid, *H.influenzae* protein D, and CRM₁₉₇.

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14. An immunogenic composition comprising (a) a modified capsular saccharide or conjugate of any preceding claim, and (b) a pharmaceutically acceptable carrier.

- 15. The composition of claim 14, in aqueous form.
- 16. The composition of claim 14, in lyophilised form.
- 5 17. The composition of any one of claims 14 to 16, further comprising a capsular saccharide antigen from serogroup C of *N.meningitidis*.
 - 18. The composition of any one of claims 14 to 17, further comprising a capsular saccharide antigen from serogroup A of *N. meningitidis*.
 - 19. The composition of claim 18, wherein the serogroup A antigen
- 20. The composition of any one of claims 14 to 19, further comprising an antigen from serogroup B of N. meningitidis.
 - 21. The composition of any one of claims 14 to 20, further comprising a saccharide antigen from *Haemophilus influenzae type* B.
- 22. The composition of any one of claims 14 to 21, further comprising an antigen from Streptococcus pneumoniae.
 - 23. The composition of any one of claims 14 to 22, further comprising one or more of: an antigen from hepatitis A virus; an antigen from hepatitis B virus; an antigen from Bordetella pertussis; a diphtheria toxoid; a tetanus toxoid; and/or a poliovirus antigen.
 - 24. The composition of any one of claims 14 to 23, for use as a medicament.
- 20 25. A method for raising an antibody response in a mammal, comprising administering a composition of any one of claims 14 to 23 to the mammal.
 - 26. The use of a modified serogroup W135 meningococcal capsular saccharide and/or a modified serogroup Y meningococcal capsular saccharide as defined in any one of claims 1 to 13, in the manufacture of a medicament for protecting against meningococcal meningitis.
- 25 27. A process for preparing an immunogenic conjugate comprising the steps of: (1) providing a starting serogroup W135 or serogroup Y meningococcal capsular saccharide and a carrier protein, either or both of which is/are optionally modified to render it/them reactive towards the other; (2) forming a covalent bond between the saccharide and the carrier protein; and (3) purifying the resulting glycoconjugates, wherein, between steps (1) and (3), the degree of O-acetylation at the 9 position of sialic acid residues in the starting saccharide increases.